

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

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Title of Invention	[DIRECTIONAL CASING DRILLING]									
Application Number :										
Confirmation Number:										
First Named Applicant: Keith Moriarty										
Attorney Docket Number:	19.0318									
Art Unit:										
Examiner:										
Search string:	(5117927 or 5845722 or 5950742 or 5839519 or 6263987 or 5472057 or 4842081 or 5755289 or 6311792 or 6227306 or 6196336 or 6199641 or 5197553 or 5452967 or 5219028 or 5456326 or 6182776 or 6158531 or 5662170 or 5255741 or 6102119 or 5921332 or 5082069 or 5957225 or 20020175003 or 20020179336 or 20020050360 or 20020040787).pn									
US Patent Documents										
Note: Applicant is not required to submit a paper copy of cited US Patent Documents										
init	Cite.No.	Patent No.	Date	Patentee	Kind					
~	1	5117927	1992-06-02	Askew						
	2	5845722	1998-12-08	Makohl et al.						
	3	5950742	1999-09-14	Caraway						
	4	5839519	1998-11-24	Spedale, Jr.						
	5	6263987	2001-07-24	Vail, III						
	6	5472057	1995-12-05	Winfree						
	7	4842081	1989-06-27	Parant						
	8	5755289	1998-05-26	Angman et al.						
	9	6311792	2001-11-06	Scott et al.						
	10	6227306	2001-05-08	Downie et al.						
	11	6196336	2001-03-06	Fincher et al.						
	12	6199641	2001-03-13	Downie et al.						
	13	5197553	1993-03-30	Leturno						
	14	5452967	1995-09-26	Fuller						
	15	5219028	1993-06-15	Martin et al.						
	16	5456326	1995-10-10	Raines						
	17	6182776	2001-02-06	Asberg						
	18	6158531	2000-12-12	Vail, III						
	19	5662170	1997-09-02	Donovan et al.						
~	20	5255741	1993-10-26	Alexander						

✓	21	6102119	2000-08-15	Raines			
✓	22	5921332	1999-07-13	Spedale, Jr.			
✓	23	5082069	1992-01-21	Seiler et al.			
✓	24	5957225	1999-09-28	Sinor			

US Published Applications

Note: Applicant Is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
✓	1	20020175003	2002-11-28	Pisoni et al.			
✓	2	20020179336	2002-12-05	Schaaf et al.			
✓	3	20020050360	2002-05-02	Cook et al.			
✓	4	20020040787	2002-04-11	Cook et al.			

Signature

Examiner Name	Date
<i>anjan m</i>	6/1/05

FORM PTO-1449

LIST OF INFORMATION PROVIDED
BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.
19.0318SERIAL NO.
10/605,496APPLICANT:
Keith A. Moriarty et al.FILING DATE:
10/02/2003

GROUP

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee
	AA			

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Translation Yes No
	AB	EP0462618A2	12/27/91	Europe	
	AC	W002/14649A1	02/21/02	PCT	
	AD	W001/94739A1	12/13/01	PCT	
	AE	W001/94738A1	12/13/01	PCT	
	AF	W000/50730	08/31/00	PCT	
	AG	W001/86111A1	11/15/01	PCT	
	AH	W002/10549A2	02/07/02	PCT	
	AI	W001/83932A1	11/08/01	PCT	
	AJ	W000/37771	06/29/00	PCT	

OTHER INFORMATION PROVIDED (AUTHOR, TITLE, DATE, PLACE OF PUBLICATION, PERTINENT PAGES, ETC.)

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EXAMINER

DATE CONSIDERED

6/1/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

1. The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
2. This is not a representation that a search has been made.